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| Chemistry        | Group-I          | Paper-I        |
| Time: 15 Minutes | (Objective Type) | Max. Marks: 12 |

**Note:** Four possible answers A, B, C and D to each question are given. The choice which you think is correct, fill that circle in front of that question with Marker or Pen ink in the answer-book. Cutting or filling two or more circles will result in zero mark in that question.

1-1- The example of solution of a solid solute in a solid solvent is:

- (a) Fog (b) Brass ✓  
(c) Cheese (d) Air

2- The most common example of corrosion is:

- (a) Rusting of iron ✓  
(b) Chemical decay  
(c) Rusting of aluminium  
(d) Rusting of tin

3- The boiling point of sodium chloride is:

- (a) 800°C (b) 850°C  
(c) 1412°C (d) 1413°C ✓

4- Formula of rust is:

- (a)  $\text{FeO}_3$  (b)  $\text{Fe}(\text{OH})_3 \cdot n\text{H}_2\text{O}$   
(c)  $\text{Fe}(\text{OH})_3$  (d)  $\text{Fe}_2\text{O}_3 \cdot n\text{H}_2\text{O}$  ✓

5- Which one of the following element is found in much abundance in earth's crust:

- (a) Oxygen ✓ (b) Aluminium  
(c) Silicon (d) Argon

6- Which pair of compounds is soluble:

- (a) Ether and water (b) KCl and water ✓  
(c) Benzene and water (d) Petrol and water

7- Sub-shell 'P' can have maximum number of electrons:

- (a) 4 (b) 6 ✓  
(c) 8 (d) 10

8- Which device is used to measure atmospheric pressure:

- (a) Barometer ✓ (b) Manometer  
(c) Potometer (d) Galvanometer

9- The electronegativity of fluorine is:

- (a) 3.2 (b) 3.8  
(c) 4.0 ✓ (d) 3.5

10- The base of modern periodic table is:

- (a) Mass number (b) Avogadro's number  
(c) Atomic number ✓ (d) Quantum number

11- The heaviest metal is:

- (a) Iron (b) Platinum  
(c) Osmium ✓ (d) Lead

12- Methane is an example of:

- (a) Single covalent bond ✓  
(b) Double covalent bond  
(c) Triple covalent bond  
(d) Dative covalent bond